

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

35. – 46. (Cancelled)

47. (Currently Amended) ~~The~~ An apparatus of claim 40 ~~where the~~ electroforming tissue to reshape the tissue comprising:

means for creating stress in the tissue to temporarily define and maintain a predetermined shape of the tissue;

means for monitoring the stresses in the tissue comprises a means for monitoring the color of the tissue as caused by electroplating a material thereon;

means for causing a direct current of a predetermined polarity to flow in the tissue to mediate the tissue while the created stress is present to permanently change shape of the tissue or material parameters of the tissue without necrosis or ablation; and

means for controlling the direct current flowing in the tissue according to the stresses therein.

49. (Cancelled)

50. (Currently Amended) ~~The~~ An apparatus of claim 49 ~~where the~~ electroforming tissue to reshape the tissue comprising:

means for creating stress in the tissue to temporarily define and maintain a predetermined shape of the tissue;

means for causing a direct current of a predetermined polarity to flow in the tissue comprises means for applying voltage pulses of the same polarity to form a DC pulse train to mediate the tissue while the created stress is present to permanently change shape of the tissue or material parameters of the tissue without necrosis or ablation; and

means for applying a voltage of predetermined polarity to obtain a predetermined bioeffect comprises means for applying a first sequence of voltage pulses of the same polarity and means for applying a second sequence of voltage pulses of the opposite polarity to form a complex DC pulse train.

51. (Currently Amended) ~~The~~ An apparatus of claim 50 where the electroforming tissue to reshape the tissue comprising:

means for creating stress in the tissue to temporarily define and maintain a predetermined shape of the tissue;

means for causing a direct current of a predetermined polarity to flow in the tissue comprises means for applying voltage pulses of the same polarity to form a DC pulse train to mediate the tissue while the created stress is present to permanently change shape of the tissue or material parameters of the tissue without necrosis or ablation;

means for applying a voltage of predetermined polarity to obtain a predetermined bioeffect comprises means for applying a first sequence of voltage

pulses of the same polarity and means for applying a second sequence of voltage pulses of the opposite polarity to form a complex DC pulse train; and

means for applying a first sequence and means for applying a second sequence of voltage pulses provide a net charge cancellation when integrated over an application time.

52. -. 56. (Cancelled)